INFORMATION
DISCLOSURE
STATEMENT

Atty. Docket No.: 290.0033 0101	Serial No.: 09/180,340
Applicant(s): Ho et al.	Confirmation No.: 6674
Application Filing Date: 20 August 1999	Group: 1653
Information Disclosure Statement mailed:	January 2003

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
ENR.	5,789,210	08/04/98	Ho et al.			

FOREIGN PATENT DOCUMENTS

ſ	Examiner	-	Document Number	Date	Country		Class	Subclass	Trans	lation
ı	Initial								Yes	No
	AM	-	2,090,122	06/18/02	Canada	₹E	CEIV	ED		**
	Ho		0450430 A3,A2, B1	10/09/91	ЕР	JAN	212	103		

OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

Examiner Initial	Document Description
HAR	Batt et al. "Direct Evidence for a Xylose Metabolic Pathway in Saccharomyces cerevisiae" Biotechnology and Bioengineering 1986;28:549-553.
	Bruinenberg et al. "NADH-linked aldose reductase: the key to anaerobic alcoholic fermentation of xylose by yeasts" <i>Appl. Micrbio Biotechno</i> . 1984;19:256-260.
	Chan et al. "Autonomously Replicating Sequences in Saccharomyces cerevisae," Proc. Natl. Acad. Sci., 1980;77(11):6329-6333.
	Chiang et al. "Ethanol Production form Xylose by Enzymic Isometerization and Yeast Fermentation," <i>Biotechnol Bioeng. Symp. No. 11</i> , 1981;263-274.
	Clayton et al. "Direct inhibition of testicular function by gonadotropin-releasing hormone: mediation by specific gonadotripin-releasing hormone receptors in interstitial cells," <i>Proc. Natl. Acad. Sci. USA</i> , 1980;77(8):4459-4463.
	Cregg et al. "Pichia pastoris as a Host System for Transformation, " <i>Molecular and Cellular Biology 5</i> :3376-3385.
	duPreez et al. "Fermentation of D-xylose to ethanol by a strain by <i>Candida</i> schehatae" Biotechnol. Lett. 1983;5(5):357-362.
	Gietz et al. "Genetic Transformation of Yeast," <i>BioTechniques</i> , 2001;30(4):816-831.

EXAMINER	Date Considered			
Aope Pobinson	3/17/03			
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AR	Grootjen et al. "Effects of the aeration rate on the fermentation of glucose and xylose by <i>Pichia stipitis</i> CBS 5773" <i>Enzyme Microb. Technol.</i> 1990;12:20-23
	Ho et al. "Development of a cloning system for Candida species" Biotechnol. Bioengineering Symp. No. 14 1984:295-301.
	Ho et al. "Genetically Engineered Saccharomyces Yeast Capable of Effective Cofermentation of Glucose and Xylose," Applied and Environmental Microbiology, 1998; 64(5):1852-1859.
	Ho et al. "Genetically Engineered Saccharomyces Yeasts for Conversion of Cellulosic Biomass to Environmentally Friendly Transportation Fuel Ethanol," American Chemical Society Symposium Series 767 (2000).
	Ho et al. "Site-directed mutagenesis by overlap extension using the polymerase chain reaction," <i>Gene</i> 1989;77:51.
	Jeffries "Emerging Technology for Fermenting D-xylose: Trends in Biotechnology" 1985;3(8):208-212.
	Jeffries, "Utilization of xylose by bacteria, yeasts, and fungi," Adv. In Bioch Engr. Biotechnol. 1983;27:1-32.
	Kotter et al. "Isolation and characterization of the Pichia stipitis xylitol dehydrogenase gene, XYL2, and construction of a xylose-utilizing Saccharomyces cerevisiae transformant." <i>Curr Genet</i> . 1990;Dec;18(6):493-500.
	Kotter et al. "Xylose Fermentation by Saccharomyces cerevisiae," Appl. Microbiol. Biotechnol, 1993;38:776-783.
	Kudla et al. "A multisite integrative cassette for the yeast Saccharomyces cerevisae," <i>Gene</i> ; 119:49-56.
	Kunkel. "Rapid and efficient site-specific mutagenesis without phenotypic selection" <i>Proc. Natl. Acad. Sci. USA</i> , 1985;82:488-492.
	Kurtz et al. "Integrated Transformation of Candida albicans, Using a Cloned Candida ADE2 Gene," <i>Molecular and Cellular Biology</i> , 1986;6(1):142-149.
	Lopes et al. "High-copy-number integration into the ribosomal DNA of Saccharomyces cerevisiae: a new vector for high-level expression," Gene, 1989;79(2):199-206.

EXAMINER	Robinson	Date Considered	
Trope		31.1107	_

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AR	Lopes et al. "Mechanism of high-copy-number integration of pMIRY-type vectors into the ribosomal DNA of Saccharomyces cerevisiae" Gene, JAN 105(1):1991:83-90	2 1 2003
	Moerschell et al. "Transformation of Yeast with Synthetic Oligonucleotide CHCE Proc. Natl. Acad. Sci., 1988;85:524,528.	MIEH JOURISON
	Orr-Weaver et al. "Yeast Transformation: A Model System for the Study of Recombinatoin," <i>Proc. Natl. Acad. Sci.</i> , 1981:78(10): 6354-6358.	
	Orr-Weaver et al. "Multiple, Tandem Plasmid Integration in Saccharomyces cerevisiae," Molecular and Cellular Biology 1983;3(4):747-749.	
	Rine et al. "Targeted selection of recombinant clones through gene dosage effects." Proceedings of the National Academy of Sciences, USA. November 1983;80:6750-6754.	
	Romanos et al. "Foreign Gene Expression in Yeast: a Review" <i>Yeast</i> , 1992;8(6):423-488.	
	Rossolini et al. "Kluyvermyces lactis rDNA as a target for multiple integration by homologous recombination," <i>Elsevier Science Publishers</i> 1992;75-81.	,
	Rothstein et al. "One-Step Gene Disruption in Yeast," <i>Methods in Enzymology</i> , 1981;101:202-211.	
	Rothstein et al. "Targeting, Disruption, Replacement, and Allele Rescue: Integrative DNA Transformation in Yeast," <i>Methods in Enzymology</i> , 1991;194:281-301.	
	Sakai et al. "Integration of heterologous genes into the chromosome of Saccharomyces cerevisiae using a delta sequence of yeast retrotransposen Ty," Appl. Microbiol. Biotechnol., 1990;33:302-306.	
	Sakai et al. "Enhanced Secretion of Human Nerve Growth Factor from Saccharomyces cerevisiae Using an Advanced d-Integration System," Bio/Technology, 1991;9:1382-1385.	
	Sambrook et al. "Molecular Cloning," published by Cold Spring Harbor Lab. Press. 1989;4.10-4.11.	

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~	Stevis et al. "Cloning of the Pachysolen tannophilus Xylulokinase Gene by complementation in Escherichia coli," Appl. Envion. Micrbiol 1987;53(2975-2977).
	Stinchcomb et al. "Eukaryotic DNA segments capable of autonomous replication in yeast," <i>Proc. Natl. Acad. Sci.</i> 1980;77(8):4559-4563.
	Struhl et al. "High-frequency transformation of yeast: Autonomous replication of hybrid DNA molecules," <i>Proc. Natl. Acad. Sci.</i> 1979;76(3):1035-1039.
	Szostak et al. "Insertion of a Genetic Market into the Ribosomal DNA of Yeast," <i>Plasmid</i> 1979;2:536-554.
	Takuma et al. "Isolation of xylose reductase gene of Pichia stipitis and its expression in Saccharomyces cerevisiae." <i>Appl Biochem Biotechnol</i> . 1991; Spring; 28-29:327-40.
	Tantirungkij et al. "Construction of Xylose-Assimilating Saccharomyces cerevisiae," Journal of Fermentation and Bioengineering, 1993;75(2):83-88.
	Toon et al. "Enhanced Coferementation of Glucose and Xylose by Recombinant Saccharomyces Yeast Strains in Batch and Continuous Operating Modes," Applied Biochemistry and Biotechnology, 63-65;1997:243-255.
	Valenzuela et al. "Ribosomal RNA genes of Saccharomyces cerevisiae II. Physical map and nucleotide sequence of the 5 S ribosomal RNA gene and adjacent intergenic Region" The Journal of Biological Chemistry, 1977;252(22):8126-8135.
	Walfridsson et al. "Expression of different levels of enzymes from the <i>Pichia stipitis XYL1</i> and <i>XYL2</i> genes in <i>Saccharomyces cerevisiae</i> and its effects on product formation during xylose utilisation" <i>Appl Microbiol Biotechnol</i> 1997;48:218-224.
	Ward. "Single-steppurification of shuttle vectors from yeast for high frequency back-transformation into <i>E. coli</i> " <i>Nucleic Acids Research</i> , 1990;18:5319.

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